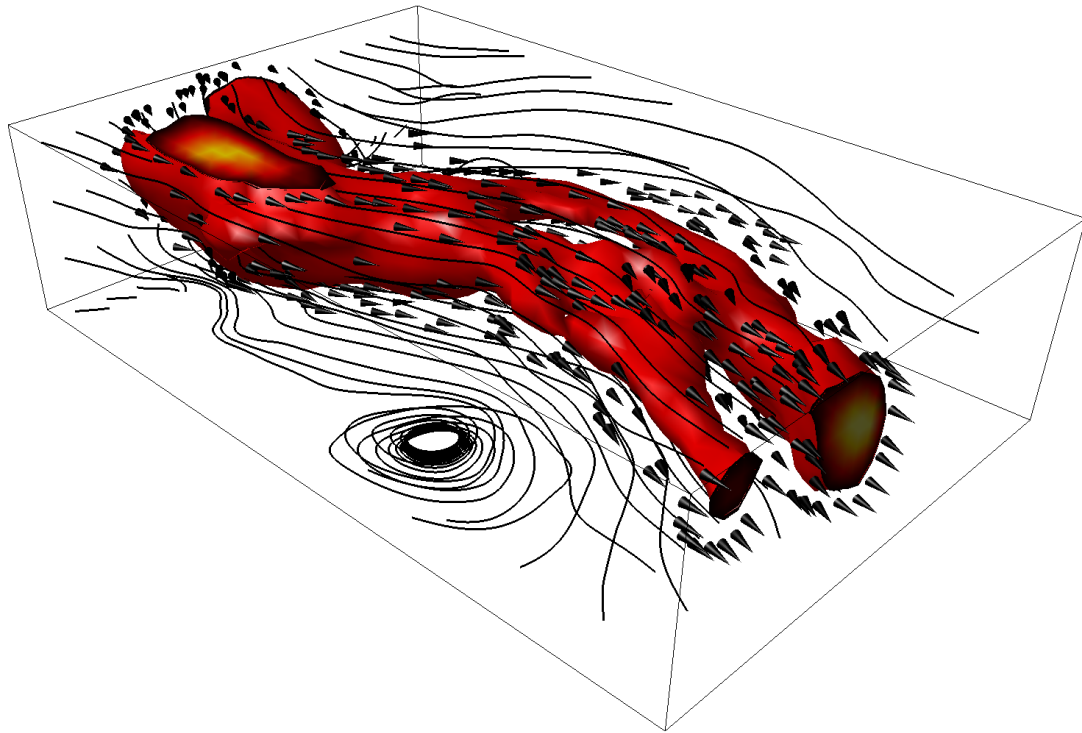




CHALMERS
UNIVERSITY OF TECHNOLOGY



A Chalmers University of Technology Master's thesis template for L^AT_EX

A Subtitle that can be Very Much Longer if Necessary

Master's thesis in Master Programme Name

MAGNUS GUSTAVER

DEPARTMENT OF SOME SUBJECT OR TECHNOLOGY

CHALMERS UNIVERSITY OF TECHNOLOGY
Gothenburg, Sweden 2020
www.chalmers.se

MASTER'S THESIS 2020

An Informative Headline describing the Content of the Report

A Subtitle that can be Very Much Longer if Necessary

NAME FAMILYNAME



Department of Some Subject or Technology

Division of Division name

Name of research group (if applicable)

CHALMERS UNIVERSITY OF TECHNOLOGY

Gothenburg, Sweden 2020

An Informative Headline describing the Content of the Report
A Subtitle that can be Very Much Longer if Necessary
NAME FAMILYNAME

© NAME FAMILYNAME, 2020.

Supervisor: Name, Company or Department
Examiner: Name, Department

Master's Thesis 2020:NN
Department of Some Subject or Technology
Division of Division name
Name of research group (if applicable)
Chalmers University of Technology
SE-412 96 Gothenburg
Telephone +46 31 772 1000

Cover: Wind visualization constructed in Matlab showing a surface of constant wind speed along with streamlines of the flow.

Typeset in L^AT_EX
Printed by Chalmers Reproservice
Gothenburg, Sweden 2020

An Informative Headline describing the Content of the Report
A Subtitle that can be Very Much Longer if Necessary
NAME FAMILYNAME
Department of Some Subject or Technology
Chalmers University of Technology

Abstract

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Keywords: lorem, ipsum, dolor, sit, amet, consectetur, adipisicing, elit, sed, do.

Acknowledgements

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Name Familyname, Gothenburg, Month Year

Contents

List of Figures	xi
List of Tables	xiii
1 Introduction	1
1.1 Section levels	1
1.2 Section	1
1.2.1 Subsection	1
1.2.1.1 Subsubsection	1
1.2.1.1.1 Paragraph	1
1.2.1.1.1.1 Subparagraph	1
2 Theory	3
2.1 Figure	3
2.2 Equation	3
2.3 Table	3
2.4 Chemical structure	4
2.5 List	4
2.6 Source code listing	4
2.7 To-do note	4
3 Methods	5
4 Results	7
5 Conclusion	9
Bibliography	11
A Appendix 1	I

List of Figures

2.1	Surface and contour plots showing the two dimensional function $z(x, y) = \sin(x + y) \cos(2x)$	3
-----	---	---

List of Tables

2.1	Values of $f(t)$ for $t = 0, 1, \dots, 5$	3
-----	---	---

1

Introduction

This chapter presents the section levels that can be used in the template.

1.1 Section levels

The following table presents an overview of the section levels that are used in this document. The number of levels that are numbered and included in the table of contents is set in the settings file `Settings.tex`. The levels are shown in Section 1.2.

Name	Command
Chapter	<code>\chapter{<i>Chapter name</i>}</code>
Section	<code>\section{<i>Section name</i>}</code>
Subsection	<code>\subsection{<i>Subsection name</i>}</code>
Subsubsection	<code>\subsubsection{<i>Subsubsection name</i>}</code>
Paragraph	<code>\paragraph{<i>Paragraph name</i>}</code>
Subparagraph	<code>\paragraph{<i>Subparagraph name</i>}</code>

1.2 Section

1.2.1 Subsection

1.2.1.1 Subsubsection

1.2.1.1.1 Paragraph

1.2.1.1.1.1 Subparagraph

2

Theory

In the following sections, examples of a figure, an equation, a table, a chemical structure, a list, a listing and a to-do note are shown.

2.1 Figure

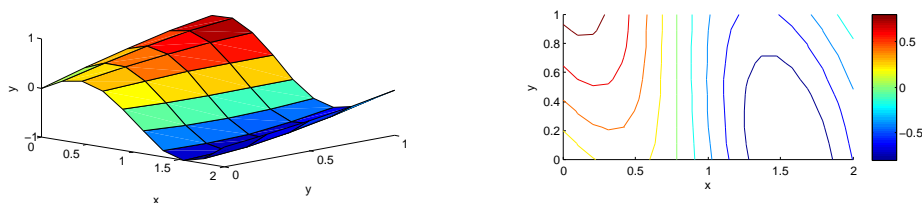


Figure 2.1: Surface and contour plots showing the two dimensional function $z(x, y) = \sin(x + y) \cos(2x)$.

2.2 Equation

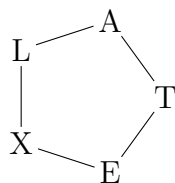
$$f(t) = \begin{cases} 1, & t < 1 \\ t^2 & t \geq 1 \end{cases} \quad (2.1)$$

2.3 Table

Table 2.1: Values of $f(t)$ for $t = 0, 1, \dots, 5$.

t	0	1	2	3	4	5
$f(t)$	1	1	4	9	16	25

2.4 Chemical structure



2.5 List

1. The first item
 - (a) Nested item 1
 - (b) Nested item 2
2. The second item
3. The third item
4. ...

2.6 Source code listing

```
% Generate x- and y-nodes
x=linspace(0,1); y=linspace(0,1);

% Calculate z=f(x,y)
for i=1:length(x)
    for j=1:length(y)
        z(i,j)=x(i)+2*y(j);
    end
end
end
```

2.7 To-do note

The `todo` package enables to-do notes to be added in the page margin. This can be a very convenient way of making notes in the document during the process of writing. All notes can be hidden by using the option *disable* when loading the package in the settings.

Example of a to-do note.

3

Methods

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

4

Results

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

4. Results

5

Conclusion

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Bibliography

- [1] Gustaver, M. (2020) A Chalmers University of Technology Master's thesis template for L^AT_EX. Unpublished.

A

Appendix 1

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

DEPARTMENT OF SOME SUBJECT OR TECHNOLOGY
CHALMERS UNIVERSITY OF TECHNOLOGY
Gothenburg, Sweden
www.chalmers.se



CHALMERS
UNIVERSITY OF TECHNOLOGY